Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 10 Oct 2023 until 23:59 on Wednesday 11 Oct 2023

Forecast Issued on Tuesday 10 Oct 2023 at 00:23

Confidence: High for windy but mainly dry weather on Tuesday then for changeable conditions for the rest of the week. Low confidence for the extent and timings of rain on Wedneday and Friday.

Headline for Tuesday 10 Oct 2023: Mainly dry and bright but some low cloud and showery rain developing later. Becoming windy.

Mountain weather hazards on Tuesday 10 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Cloudy	Light rain	Fog	Fog
Precipitation probability					
<05%	00%	10%	30%	40%	40%

Forecast for Tuesday 10 Oct 2023

Weather: Dry and bright on Tuesday morning and early afternoon but high cloud will make the sunshine rather hazy. Cloud thickening in the afternoon with a few showery outbreaks of rain, perhaps heavy at times, these becoming more persistent late in the evening.

Chance of cloud-free hill tops above 600m: 90%, becoming 30% late in afternoon when best chance will be in east.

Low Cloud and visibility: Mainly good visibility although a haze will obscure the views. Patchy low cloud at first will clear through the morning but low cloud and fog becoming extensive later in the afternoon above 400-500m, especially over western hills. Cloud remaining more broken across eastern hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 10 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 SW	17/22 SW	21/28 SW	26/37 SW	30/42 SW	32/45 SW	30/43 W
300	2/12 SW	4/12 S	13/27 SW	18/37 SW	20/39 SW	20/40 SW	20/41 W
Valley	2/10 SW	2/11 SW	9/21 SW	14/31 SW	17/37 SW	18/37 SW	18/37 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	14/11	13/10	12/8	12/8	12/8	12/7
300	12/12	14/14	16/14	14/11	14/11	14/11	14/10
Valley	13/14	15/16	17/15	15/13	15/12	15/12	15/12
Freezing Level*	3200m	3100m	2900m	3200m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy, gusty conditions in afternoon and evening with gusts of 45 to 55mph giving difficult walking conditions at times. Sudden gusts on sheltered lee slopes are also possible. Deteriorating conditions late in the afternoon will make navigation more difficult.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 10 Oct 2023	0.6mm	0.6mm	0.6mm

Forecast for Wednesday 11 Oct 2023

Weather: Outbreaks of rain overnight and to start the morning. Soon becoming dry and brighter with sunny spells but feeling cold in the fresh northwesterly breeze.

Maximum wind: West or southwest 30 to 40mph, gusts 45 to 50mph, soon easing in the morning and becoming west or northwest 20mph gusts 30mph.

Chance of cloud-free hill tops above 600m: Less than 10% overnight, becoming 90% in the morning.

Low Cloud and visibility: Poor visibility to start the morning with extensive cloud and fog above 400-500m and patches on lower slopes. Visibility soon becoming excellent with cloud lifting above the summits.

Temperature: **Valleys:** 12 or 13C.
At 600m: 11C, falling to 7C.
Freezing level: Above summits.

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